

1FW16

# CRF Errors Edited by the STIC Systems Branch

Serial Number: 09/832,929A

CRF Edit Date: 8/27/04  
Edited by: Az



\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:  
\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID  
NO's edited:  
\_\_\_\_\_

\_\_\_ Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:  
\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:  
\_\_\_\_\_

\_\_\_ Other:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



IFW16

## RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:53:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08272004\I832929A.raw

4 <110> APPLICANT: Human Genome Sciences, Inc.  
 6 <120> TITLE OF INVENTION: Albumin Fusion Proteins  
 8 <130> FILE REFERENCE: PF547PCT  
 10 <140> CURRENT APPLICATION NUMBER: 09/832,929A  
 11 <141> CURRENT FILING DATE: 2001-04-12  
 13 <150> PRIOR APPLICATION NUMBER: 60/229,358  
 14 <151> PRIOR FILING DATE: 2000-04-12  
 16 <150> PRIOR APPLICATION NUMBER: 60/256,931  
 17 <151> PRIOR FILING DATE: 2000-12-21  
 19 <150> PRIOR APPLICATION NUMBER: 60/199,384  
 20 <151> PRIOR FILING DATE: 2000-04-25  
 22 <160> NUMBER OF SEQ ID NOS: 82  
 24 <170> SOFTWARE: PatentIn Ver. 2.1  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 23  
 28 <212> TYPE: DNA  
 29 <213> ORGANISM: Artificial Sequence  
 31 <220> FEATURE:  
 32 <221> NAME/KEY: primer\_bind  
 33 <223> OTHER INFORMATION: primer useful to clone human growth hormone cDNA  
 35 <400> SEQUENCE: 1  
 36 cccaagaatt cccttatcca ggc 23  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 33  
 41 <212> TYPE: DNA  
 42 <213> ORGANISM: Artificial Sequence  
 44 <220> FEATURE:  
 45 <221> NAME/KEY: primer\_bind  
 46 <223> OTHER INFORMATION: primer useful to clone human growth hormone cDNA  
 48 <400> SEQUENCE: 2  
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 53 <211> LENGTH: 16  
 54 <212> TYPE: DNA  
 55 <213> ORGANISM: Artificial Sequence  
 57 <220> FEATURE:  
 58 <221> NAME/KEY: misc\_structure  
 59 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA fragments  
 60 with non-cohesive ends.  
 62 <400> SEQUENCE: 3  
 63 gataaagatt cccaac 16  
 66 <210> SEQ ID NO: 4  
 67 <211> LENGTH: 17

P.6

## RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:53:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08272004\I832929A.raw

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68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <221> NAME/KEY: misc_structure
73 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA fragments
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77 aattgttggg aatcttt                                     17
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81 <211> LENGTH: 17
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83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <221> NAME/KEY: misc_structure
87 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA fragments
88     with non-cohesive ends.
90 <400> SEQUENCE: 5
91 ttaggcttat tcccaac                                     17
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 18
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <221> NAME/KEY: misc_structure
101 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA fragments
102     with non-cohesive ends.
104 <400> SEQUENCE: 6
105 aattgttggg aataagcc                                     18
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 24
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <221> NAME/KEY: SITE
115 <222> LOCATION: 1)..(19)
116 <223> OTHER INFORMATION: invertase leader sequence
118 <220> FEATURE:
119 <221> NAME/KEY: SITE
120 <222> LOCATION: 20)..(24)
121 <223> OTHER INFORMATION: first 5 amino acids of mature human serum albumin
123 <400> SEQUENCE: 7
124 Met Leu Leu Gln Ala Phe Leu Phe Leu Leu Ala Gly Phe Ala Ala Lys
125   1           5           10           15
127 Ile Ser Ala Asp Ala His Lys Ser
128           20
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 21
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence

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## RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:53:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08272004\I832929A.raw

136 <220> FEATURE:  
137 <221> NAME/KEY: misc\_structure  
138 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA  
139 fragments with non-cohesive ends.  
141 <400> SEQUENCE: 8  
142 gagatgcaca cctgagtgag g 21  
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146 <211> LENGTH: 27  
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148 <213> ORGANISM: Artificial Sequence  
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152 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA  
153 fragments with non-cohesive ends.  
155 <400> SEQUENCE: 9  
156 gatcctgtgg cttcgatgca cacaaga 27  
159 <210> SEQ ID NO: 10  
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161 <212> TYPE: DNA  
162 <213> ORGANISM: Artificial Sequence  
164 <220> FEATURE:  
165 <221> NAME/KEY: misc\_structure  
166 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA  
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170 ctcttggtg catcgaagcc acag 24  
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178 <220> FEATURE:  
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180 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA  
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184 tgtggaagag cctcagaatt tattcccaac 30  
187 <210> SEQ ID NO: 12  
188 <211> LENGTH: 31  
189 <212> TYPE: DNA  
190 <213> ORGANISM: Artificial Sequence  
192 <220> FEATURE:  
193 <221> NAME/KEY: misc\_structure  
194 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA  
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197 <400> SEQUENCE: 12  
198 aattgttggg aataaattct gaggctcttc c 31  
201 <210> SEQ ID NO: 13  
202 <211> LENGTH: 47  
203 <212> TYPE: DNA

## RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:53:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08272004\I832929A.raw

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206 <220> FEATURE:
207 <221> NAME/KEY: misc_structure
208 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA
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211 <400> SEQUENCE: 13
212 ttaggcttag gtggcgggtg atccggcggt ggtggatctt tcccaac           47
215 <210> SEQ ID NO: 14
216 <211> LENGTH: 48
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <221> NAME/KEY: misc_structure
222 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA
223     fragments with non-cohesive ends.
225 <400> SEQUENCE: 14
226 aattgttggg aaagatccac caccgccgga tccaccgcca cctaagcc       48
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230 <211> LENGTH: 62
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <221> NAME/KEY: misc_structure
236 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA
237     fragments with non-cohesive ends.
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241 ac                                                                62
244 <210> SEQ ID NO: 16
245 <211> LENGTH: 63
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <221> NAME/KEY: misc_structure
251 <223> OTHER INFORMATION: synthetic oligonucleotide used to join DNA
252     fragments with non-cohesive ends.
254 <400> SEQUENCE: 16
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256 gcc                                                                63
259 <210> SEQ ID NO: 17
260 <211> LENGTH: 1782
261 <212> TYPE: DNA
262 <213> ORGANISM: Homo sapiens
264 <220> FEATURE:
265 <221> NAME/KEY: CDS
266 <222> LOCATION: (1)..(1755)
269 <400> SEQUENCE: 17
270 gat gca cac aag agt gag gtt gct cat cgg ttt aaa gat ttg gga gaa   48
271 Asp Ala His Lys Ser Glu Val Ala His Arg Phe Lys Asp Leu Gly Glu

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08272004\I832929A.raw

272	1		5		10		15										
274	gaa	aat	ttc	aaa	gcc	ttg	gtg	ttg	att	gcc	ttt	gct	cag	tat	ctt	cag	96
275	Glu	Asn	Phe	Lys	Ala	Leu	Val	Leu	Ile	Ala	Phe	Ala	Gln	Tyr	Leu	Gln	
276				20				25				30					
278	cag	tgt	cca	ttt	gaa	gat	cat	gta	aaa	tta	gtg	aat	gaa	gta	act	gaa	144
279	Gln	Cys	Pro	Phe	Glu	Asp	His	Val	Lys	Leu	Val	Asn	Glu	Val	Thr	Glu	
280			35				40					45					
282	ttt	gca	aaa	aca	tgt	gtt	gct	gat	gag	tca	gct	gaa	aat	tgt	gac	aaa	192
283	Phe	Ala	Lys	Thr	Cys	Val	Ala	Asp	Glu	Ser	Ala	Glu	Asn	Cys	Asp	Lys	
284		50				55				60							
286	tca	ctt	cat	acc	ctt	ttt	gga	gac	aaa	tta	tgc	aca	gtt	gca	act	ctt	240
287	Ser	Leu	His	Thr	Leu	Phe	Gly	Asp	Lys	Leu	Cys	Thr	Val	Ala	Thr	Leu	
288	65			70				75				80					
290	cgt	gaa	acc	tat	ggt	gaa	atg	gct	gac	tgc	tgt	gca	aaa	caa	gaa	cct	288
291	Arg	Glu	Thr	Tyr	Gly	Glu	Met	Ala	Asp	Cys	Cys	Ala	Lys	Gln	Glu	Pro	
292				85				90				95					
294	gag	aga	aat	gaa	tgc	ttc	ttg	caa	cac	aaa	gat	gac	aac	cca	aac	ctc	336
295	Glu	Arg	Asn	Glu	Cys	Phe	Leu	Gln	His	Lys	Asp	Asp	Asn	Pro	Asn	Leu	
296			100				105					110					
298	ccc	cga	ttg	gtg	aga	cca	gag	gtt	gat	gtg	atg	tgc	act	gct	ttt	cat	384
299	Pro	Arg	Leu	Val	Arg	Pro	Glu	Val	Asp	Val	Met	Cys	Thr	Ala	Phe	His	
300		115				120				125							
302	gac	aat	gaa	gag	aca	ttt	ttg	aaa	aaa	tac	tta	tat	gaa	att	gcc	aga	432
303	Asp	Asn	Glu	Glu	Thr	Phe	Leu	Lys	Lys	Tyr	Leu	Tyr	Glu	Ile	Ala	Arg	
304		130				135				140							
306	aga	cat	cct	tac	ttt	tat	gcc	ccg	gaa	ctc	ctt	ttc	ttt	gct	aaa	agg	480
307	Arg	His	Pro	Tyr	Phe	Tyr	Ala	Pro	Glu	Leu	Leu	Phe	Phe	Ala	Lys	Arg	
308	145			150				155				160					
310	tat	aaa	gct	gct	ttt	aca	gaa	tgt	tgc	caa	gct	gct	gat	aaa	gct	gcc	528
311	Tyr	Lys	Ala	Ala	Phe	Thr	Glu	Cys	Cys	Gln	Ala	Ala	Asp	Lys	Ala	Ala	
312				165				170				175					
314	tgc	ctg	ttg	cca	aag	ctc	gat	gaa	ctt	cgg	gat	gaa	ggg	aag	gct	tcg	576
315	Cys	Leu	Leu	Pro	Lys	Leu	Asp	Glu	Leu	Arg	Asp	Glu	Gly	Lys	Ala	Ser	
316			180				185					190					
318	tct	gcc	aaa	cag	aga	ctc	aaa	tgt	gcc	agt	ctc	caa	aaa	ttt	gga	gaa	624
319	Ser	Ala	Lys	Gln	Arg	Leu	Lys	Cys	Ala	Ser	Leu	Gln	Lys	Phe	Gly	Glu	
320		195				200						205					
322	aga	gct	ttc	aaa	gca	tgg	gca	gtg	gct	cgc	ctg	agc	cag	aga	ttt	ccc	672
323	Arg	Ala	Phe	Lys	Ala	Trp	Ala	Val	Ala	Arg	Leu	Ser	Gln	Arg	Phe	Pro	
324		210				215						220					
326	aaa	gct	gag	ttt	gca	gaa	gtt	tcc	aag	tta	gtg	aca	gat	ctt	acc	aaa	720
327	Lys	Ala	Glu	Phe	Ala	Glu	Val	Ser	Lys	Leu	Val	Thr	Asp	Leu	Thr	Lys	
328	225			230				235				240					
330	gtc	cac	acg	gaa	tgc	tgc	cat	gga	gat	ctg	ctt	gaa	tgt	gct	gat	gac	768
331	Val	His	Thr	Glu	Cys	Cys	His	Gly	Asp	Leu	Leu	Glu	Cys	Ala	Asp	Asp	
332				245				250				255					
334	agg	gcg	gac	ctt	gcc	aag	tat	atc	tgt	gaa	aat	cag	gat	tcg	atc	tcc	816
335	Arg	Ala	Asp	Leu	Ala	Lys	Tyr	Ile	Cys	Glu	Asn	Gln	Asp	Ser	Ile	Ser	
336			260				265					270					

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/832,929A

DATE: 08/27/2004  
TIME: 11:53:31

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\08272004\I832929A.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; N Pos. 18,19,20,21,22,23,24,25,26,27,28,29,30,31,32  
Seq#:26; N Pos. 37,38,39,40,41,42,43,44,45,46,47,48,49,50,51  
Seq#:27; N Pos. 19,20,21,22,23,24,25,26,27,28,29,30,31,32,33  
Seq#:28; N Pos. 38,39,40,41,42,43,44,45,46,47,48,49,50,51,52  
Seq#:32; N Pos. 29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46  
Seq#:33; N Pos. 38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55  
Seq#:74; Xaa Pos. 3

**Invalid Line Length:**

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:75; Line(s) 1861  
Seq#:76; Line(s) 1876

## VERIFICATION SUMMARY

DATE: 08/27/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:53:31

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08272004\I832929A.raw

L:634 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:639 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:644 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
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L:664 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
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L:679 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:684 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:689 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:694 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:699 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:704 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:723 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
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L:738 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
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L:753 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:758 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:763 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
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L:783 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
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L:817 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:822 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:827 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
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L:837 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:842 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
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L:872 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:877 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:882 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0



## VERIFICATION SUMMARY

DATE: 08/27/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:53:31

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08272004\I832929A.raw

L:902 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
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L:912 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:917 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:922 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
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L:1181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:1284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:1851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0



IFW16

## RAW SEQUENCE LISTING

DATE: 08/26/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:29:35

Input Set: A:\Amended seq listing.txt

Output Set: N:\CRF4\08262004\I832929A.raw

4 <110> APPLICANT: Human Genome Sciences, Inc.  
 6 <120> TITLE OF INVENTION: Albumin Fusion Proteins  
 8 <130> FILE REFERENCE: PF547PCT  
 10 <140> CURRENT APPLICATION NUMBER: 09/832,929A  
 11 <141> CURRENT FILING DATE: 2001-04-12  
 13 <150> PRIOR APPLICATION NUMBER: 60/229,358  
 14 <151> PRIOR FILING DATE: 2000-04-12  
 16 <150> PRIOR APPLICATION NUMBER: 60/256,931  
 17 <151> PRIOR FILING DATE: 2000-12-21  
 19 <150> PRIOR APPLICATION NUMBER: 60/199,384  
 20 <151> PRIOR FILING DATE: 2000-04-25  
 22 <160> NUMBER OF SEQ ID NOS: 82  
 24 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

1951 <210> SEQ ID NO: 82  
 1952 <211> LENGTH: 256  
 1953 <212> TYPE: DNA  
 1954 <213> ORGANISM: Artificial Sequence  
 1956 <220> FEATURE:  
 1957 <221> NAME/KEY: misc\_feature  
 1958 <223> OTHER INFORMATION: Synthetic NF-KB/SV40 promoter  
 1960 <400> SEQUENCE: 82  
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 1963 caattagtca gcaaccatag tcccgccct aactccgcc atcccgcccc taactccgcc 120  
 1965 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga 180  
 1967 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240  
 1969 cttttgcaaa aagctt 256

E--&gt; 1977 38

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 08/26/2004  
PATENT APPLICATION:    US/09/832,929A      TIME: 11:29:36

Input Set : A:\Amended seq listing.txt  
Output Set: N:\CRF4\08262004\I832929A.raw

**Invalid Line Length:**

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:75; Line(s) 1861

Seq#:76; Line(s) 1875

Seq#:81; Line(s) 1944

## VERIFICATION SUMMARY

DATE: 08/26/2004

PATENT APPLICATION: US/09/832,929A

TIME: 11:29:36

Input Set : A:\Amended seq listing.txt

Output Set : N:\CRF4\08262004\I832929A.raw

L:634 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:639 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:644 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:649 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:654 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:659 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:664 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:669 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:674 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:679 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:684 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:689 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:694 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:699 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:704 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:723 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:728 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:733 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:738 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:743 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:748 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:753 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:758 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:763 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:768 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:773 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:778 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:783 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:788 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:793 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:812 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:817 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:822 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:827 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:832 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:837 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:842 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:847 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:852 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:857 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:862 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:867 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:872 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:877 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:882 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0

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L:902 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:907 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:912 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:917 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:922 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:927 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:932 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:937 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:942 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:947 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:952 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:957 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:962 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:967 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:972 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:1091 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1096 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1101 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1106 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1111 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1116 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1121 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1126 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1131 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1136 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1141 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1146 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1151 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1156 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1161 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1166 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1171 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1176 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:1181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:1194 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1199 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1204 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1209 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1214 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1219 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1224 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1229 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1234 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1239 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1244 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1249 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1254 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1259 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33

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L:1264 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1269 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1274 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1279 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:1284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:1851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0  
L:1977 M:254 E: No. of Bases conflict, this line has no nucleotides.